

AMENDMENTS TO THE SPECIFICATION:

Please add amend the specification at page 1, line 4 as follows:

~~Description~~ BACKGROUND OF THE INVENTION

1. Field of the Invention

Please add the following heading to the specification at page 1, line 9:

2. Description of Related Art

Please add the following heading to the specification at page 2, line 27:

BRIEF SUMMARY OF THE INVENTION

Please amend the Abstract of the Disclosure as follows:

~~The invention is based on the object of providing a~~ A  
process for producing microstructures in glass or layers similar  
to glass.. For this purpose, an auxiliary substrate ~~(10, 20)~~  
having a structured surface ~~(20a)~~ is used, the surface defining  
a negative mold for the product which is to be produced. Then,  
a layer ~~(30)~~ of glass or a material similar to glass is applied  
to the structured surface ~~(20a)~~ of the auxiliary substrate by  
evaporation coating. Then, the auxiliary substrate is removed,  
for example by wet-chemical means, in such a way that the  
positive structure is uncovered. ~~The invention makes it~~  
~~possible to produce excellent micro-channels and optical~~  
~~microstructures, such as micro-lenses.~~